F1G. 1

ROOT LEAF	B(102) B(103) B(104) B(105) B(106)	B(202) B(203) B(204) B(205) B(206) A(2)	B(301) B(302) B(303) B(304) B(305) B(306)	B (402) B (403) B (404) B (405) B (406)	B(502) B(503) B(504) B(505) B(506) A(5)	B (505) B (601) B (602) B (603) B (604) B (605)	B(701) B(702) B(703) B(704) B(705) B(706)	(2007) 1 (2007) 1 (2007) 1 (2007) 1 (2007)
ROOT	P(1) B(101) B(102) B(103) B(104) B	P(2) B(201) B(202) B(203) B(204) B	P(3) B(203) B(301) B(302) B(303) B	P(4) B(401) B(402) B(403) B(404) B	P(5) B(501) B(502) B(503) B(504) B	P(6) B(504) B(505) B(601) B(602) B	P(7) B(606) B(701) B(702) B(703) B	7 (100) 7 (200) 7 (100) 7 (100) 7

F1G. 2

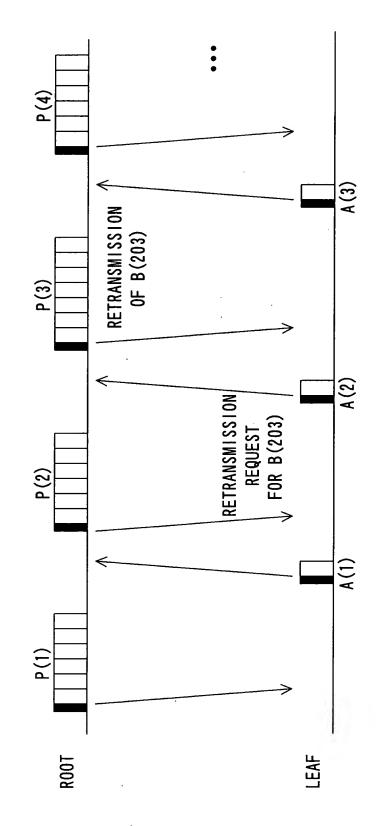
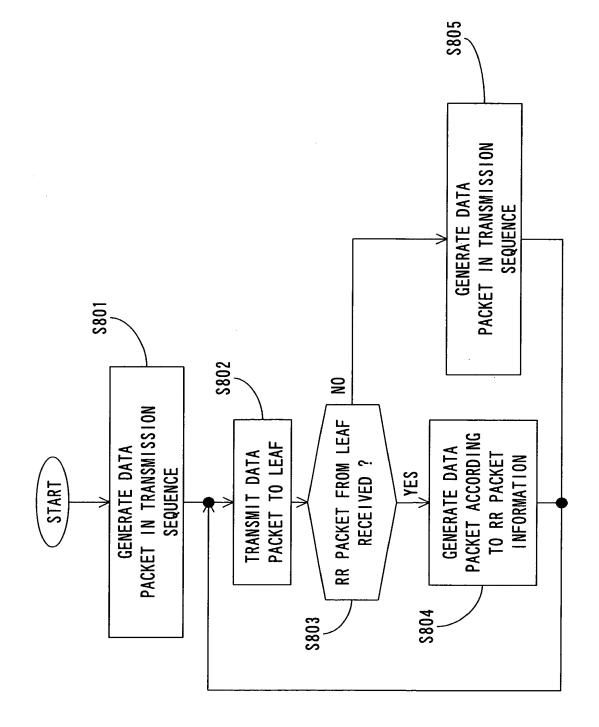
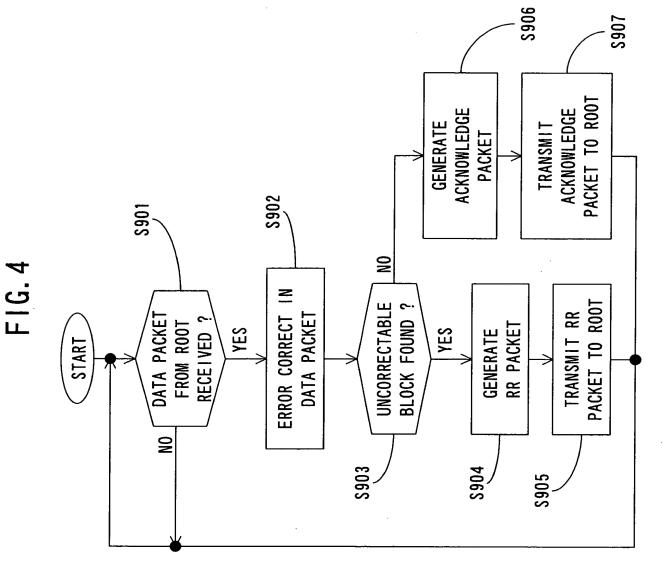
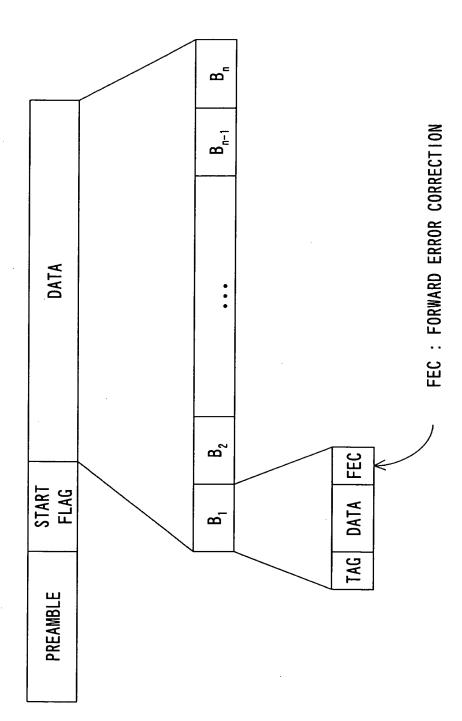


FIG. 3

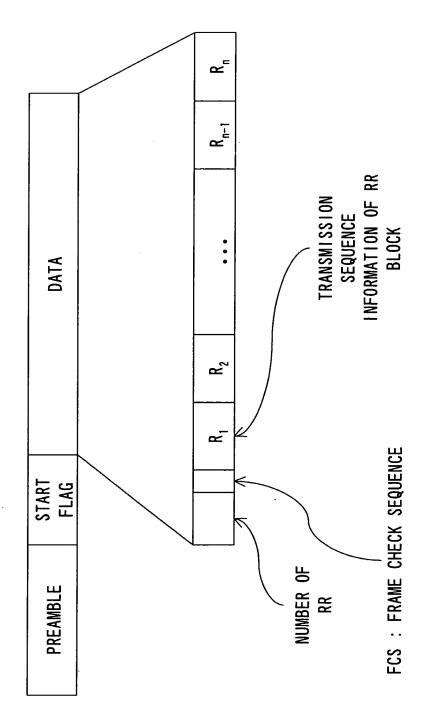




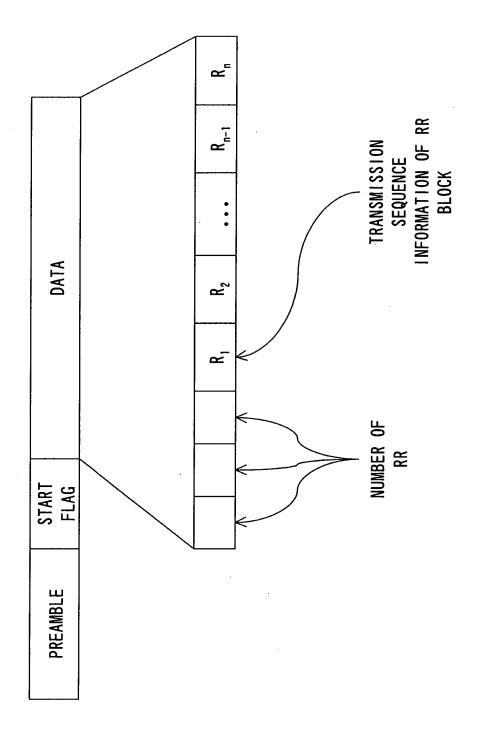
F 6.5



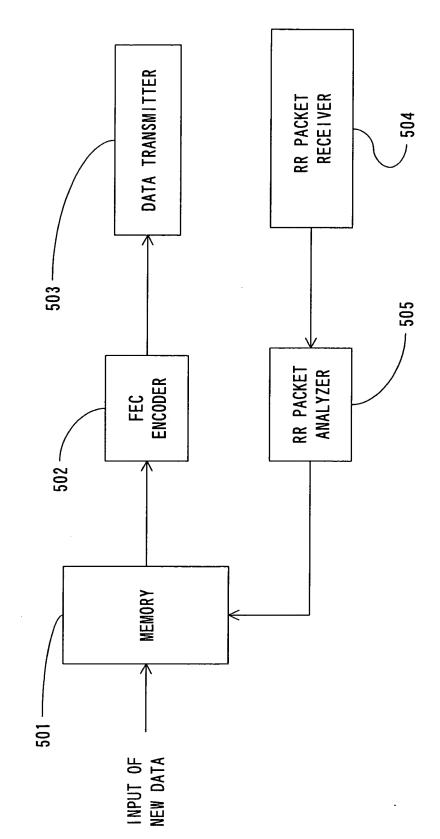
F1G. 6



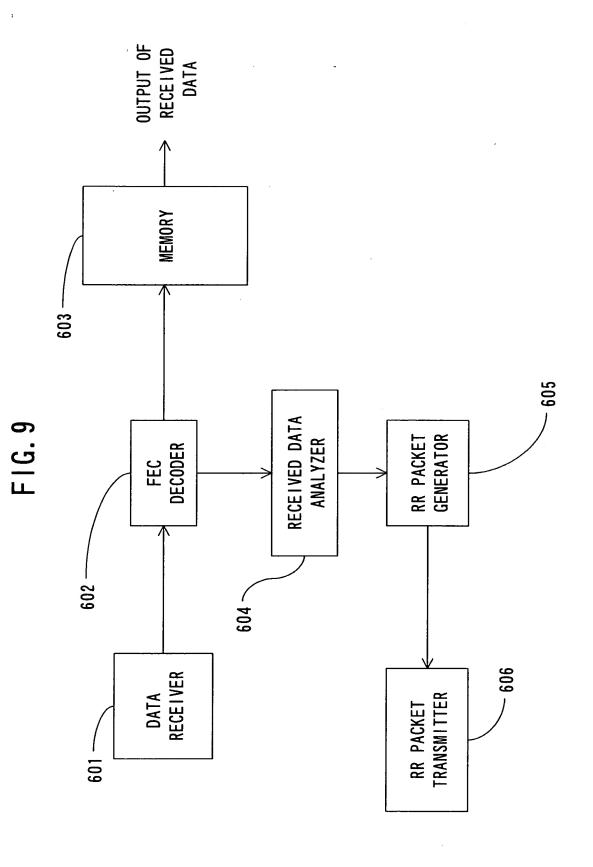
F1G. 7

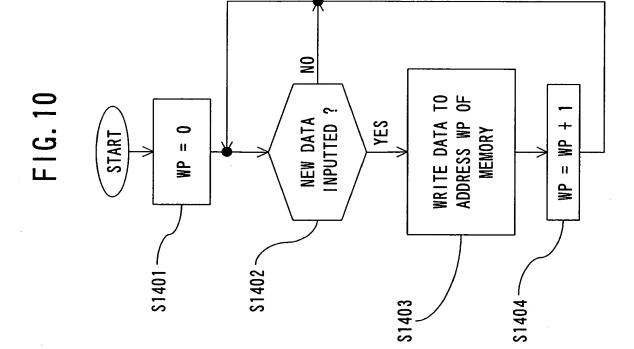


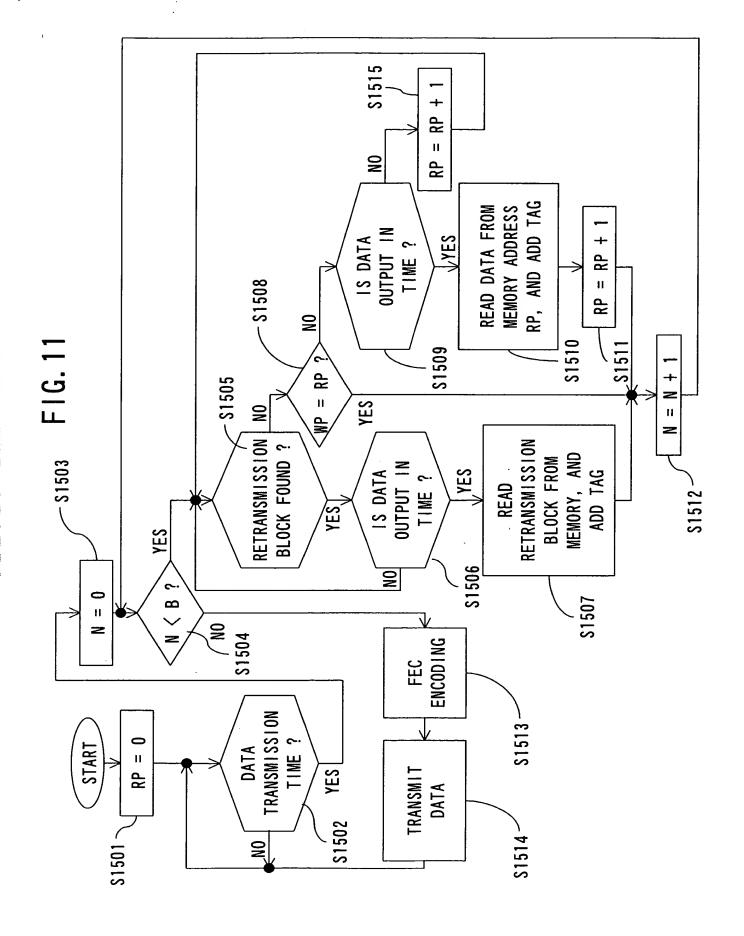
F1G. 8



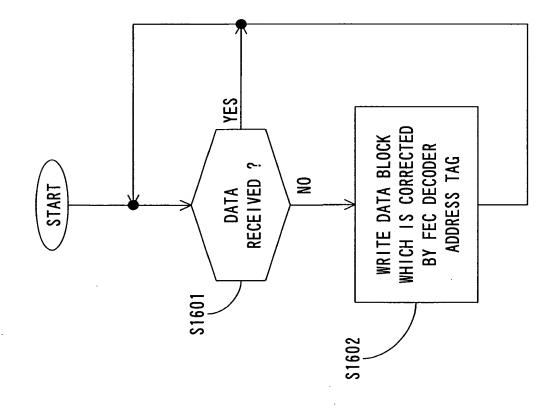
RR : RETRANSMISSION REQUEST







F1G. 12



\$1707 NEXTRP = NEXTRP + 1 **NEW DATA FOUND** IN NEXTRP ADDRESS ? YES \$1708 F1G. 13 TIME EARLIER THAN NEXRP? BLOCK K RECEIVED, HAVING OUTPUT **¥** YES NEXTRP 2 \$1704 \$1703 OUTPUT TIME OF DATA INDICATED INDICATED BY **OUTPUT DATA** = NEXTRP NEXTRP = 0ADDRESS RP NEXTRP YES START RP \$1706

in to the first first that the first first

F1G. 14

A(2) A(1) A (4) A (3) A (6) A (7) A (8) R(504, 505) A(5) LEAF R (203) P(3)|B(301)|B(302)|B(303)|B(203)|B(304)|B(305)|B(306)P(6) B(601) B(602) B(603) B(504) B(505) B(604) B(605) P(7) B(606) B(701) B(702) B(703) B(704) B(705) B(706) P(1) B(101) B(102) B(103) B(104) B(105) B(106) P(2) B(201) B(202) B(203) B(204) B(205) B(206) P(4) B(401) B(402) B(403) B(404) B(405) B(406) P(5) B(501) B(502) B(503) B(504) B(505) B(506) P(8) B(801) B(802) B(803) B(804) B(805) B(806) **R00T**

F1G. 15

R00T	LEAF
P(1) B(101) B(102) B(103) B(104)	A(1)
P(2) B(201) B(202) B(203) B(204) B(205)	R(203, 204) A(2)
P(3) B(203) B(204) B(301) B(302) B(303) B(304)	A (3)
P(4) B(401) B(402) B(403) B(404) B(405) B(406)	A (4)
P(5) B(501) B(502) B(503) B(504) B(505) B(506)	R(504, 505) A(5)
P(6) B(504) B(505) B(601) B(602) B(603) B(604) B(605)	A (6)
P(7) B(606) B(701) B(702) B(703) B(704) B(705) B(706)	A (7)
P(8) B(801) B(802) B(803) B(804)	A (8)

FIG. 16

LEAF

R00T

A(1) A (3) A (4) A (5) A (6) A (7) R(203), 206 A(2) 106 304 405 506 909 901 P(4) B(305) B(306) B(401) B(402) B(403) B(404) B(405) P(5) B(406) B(501) B(502) B(503) B(504) B(505) B(506) P(3) B(203) B(301) B(302) B(303) B(304) B(305) B(306) P(1) B(101) B(102) B(103) B(104) B(105) B(106) P(2) B(201) B(202) B(203) B(204) B(205) B(206) P(6) | B(601) | B(602) | B(603) | B(604) | B(605) | B(606) P(7) B(701) B(702) B(703) B(704) B(705) B(706)

806

P(8) B(801) B(802) B(803) B(804) B(805) B(806)

F1G. 17

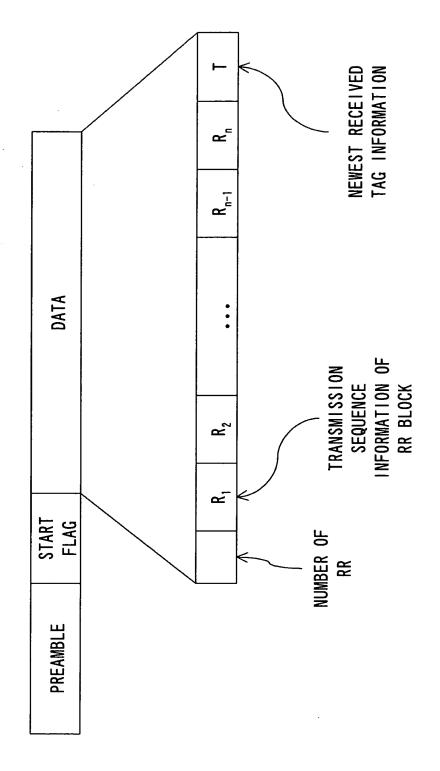


FIG. 18

(6,705)(6, 403)A (3) A (8) A (6) R(406), (5, 503) A(5) R(202), (5, 204) A(2) (T) (5,805)(5,303)(5,603)LEAF (4, 104)P(5) B(404) B(405) B(501) B(502) B(503) B(504) B(505) P(4) B(306) B(401) B(402) B(403) B(404) B(405) B(406) P(6) B(406) B(506) B(601) B(602) B(603) B(604) B(605) P(3) B(202) B(205) B(301) B(302) B(303) B(304) B(305) P(7) | B(606) | B(701) | B(702) | B(703) | B(704) | B(705) | B(706) P(1) B(101) B(102) B(103) B(104) B(105) B(106) P(8) B(801) B(802) B(803) B(804) B(805) B(806) P(2) B(201) B(202) B(203) B(204) B(205) B(206) **R00T**